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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	1			Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV	21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV	26	MARPAT enhanced with FSORT command
NEWS	4	NOV	26	CHEMSAFE now available on STN Easy
NEWS	5	NOV	26	Two new SET commands increase convenience of STN searching
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NEWS	7	DEC	12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC	17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN	06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN	07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB	02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB	02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB	06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB	10	COMPENDEX reloaded and enhanced
NEWS	15	FEB	11	WTEXTILES reloaded and enhanced
NEWS	16	FEB	19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS	17	FEB	19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB	23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB	23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB	23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB	23	Three million new patent records blast AEROSPACE into STN patent clusters

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
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NEWS IPC8	For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 11:47:42 ON 24 FEB 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 11:48:12 ON 24 FEB 2009

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 FEB 2009 HIGHEST RN 1110296-20-2

DICTIONARY FILE UPDATES: 22 FEB 2009 HIGHEST RN 1110296-20-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

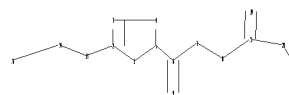
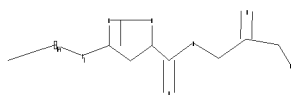
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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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chain nodes :
6  7  8  9 11 13 14 16 19 20 21
ring nodes :
1  2  3  4  5
chain bonds :
2-13  5-6  6-7  6-9  7-8  8-11 11-19 11-20 13-14 14-16 20-21
ring bonds :
1-2  1-5  2-3  3-4  4-5
exact/norm bonds :
2-3  2-13  6-7  6-9  7-8 11-19 13-14 20-21
exact bonds :
1-2  1-5  3-4  4-5  5-6  8-11 11-20 14-16
isolated ring systems :
containing 1 :

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G1:O,N

G2:O,S,N

G3:C,O,S,N

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS
11:CLASS 13:CLASS 14:CLASS 16:CLASS 19:CLASS 20:CLASS 21:CLASS

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L1 STRUCTURE UPLOADED

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=> s l1 sss full
FULL SEARCH INITIATED 11:48:48 FILE 'REGISTRY'

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SCREENING

FULL SCREEN SEARCH COMPLETED - 3653 TO ITERATE

100.0% PROCESSED 3653 ITERATIONS 144 ANSWERS  
SEARCH TIME: 00.00.29

L2 144 SEA SSS FUL L1

=> file capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

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186.36

186.58

FILE 'CAPLUS' ENTERED AT 11:49:25 ON 24 FEB 2009

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FILE COVERS 1907 - 24 Feb 2009 VOL 150 ISS 9

FILE LAST UPDATED: 23 Feb 2009 (20090223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l2

L3 5 L2

=> d l3 1-5 ibib

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1045991 CAPLUS

DOCUMENT NUMBER: 149:299832

TITLE: Combination therapy for the treatment of liver diseases

INVENTOR(S): Spada, Alfred P.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 38pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

US 20080207605	A1	20080828	US 2008-72729	20080228
WO 2008106167	A1	20080904	WO 2008-US2592	20080227

W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW  
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

PRIORITY APPLN. INFO.: US 2007-904321P P 20070228  
 US 2007-937300P P 20070626

OTHER SOURCE(S): CASREACT 149:299832

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:216805 CAPLUS

DOCUMENT NUMBER: 142:298096

TITLE: Preparation of carbamoylisoxazoles as caspase inhibitors

INVENTOR(S): Chang, Hye-Kyung; Oh, Yeong-Koo; Park, Cheol-Won; Jang, Yong-Jin; Park, Tae-Kyo; Kim, Sung-Sub; Kim, Min-Jung; Park, Mi-Jeong; Park, Jung-Gyu; Park, Hee-Dong; Min, Kyeong-sik; Lee, Tae-soo; Lee, Sang-kyun; Kim, Soo-hyeon; Jeong, Hee-kyung; Lee, Sun-hwa; Kim, Hwa-dong; Kim, Ae-ri; Park, Ki-sook; Shin, Hyun-ik; Choi, Hyeong-wook; Lee, Kyu-woong; Lee, Jae-hoon; Heo, Tae-ho; Kim, Ho-jun; Kwon, Tae-sik

PATENT ASSIGNEE(S): Lg Life Sciences Ltd., S. Korea

SOURCE: PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005021516	A1	20050310	WO 2004-KR2139	20040826
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004268895	A1	20050310	AU 2004-268895	20040826
CA 2535711	A1	20050310	CA 2004-2535711	20040826
EP 1660464	A1	20060531	EP 2004-774400	20040826
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK			
TR 200600899	T2	20060921	TR 2006-899	20040826
CN 1842521	A	20061004	CN 2004-80024702	20040826
BR 2004013848	A	20061024	BR 2004-13848	20040826

JP 2007503429	T	20070222	JP 2006-524573	20040826
US 20060223848	A1	20061005	US 2006-568503	20060216
IN 2006CN00641	A	20070608	IN 2006-CN641	20060222
MX 2006002267	A	20060517	MX 2006-2267	20060224
NO 2006001362	A	20060324	NO 2006-1362	20060324
PRIORITY APPLN. INFO.:			KR 2003-59451	A 20030827
			WO 2004-KR2139	W 20040826
OTHER SOURCE(S):	CASREACT 142:298096; MARPAT 142:298096			
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:228870 CAPLUS

DOCUMENT NUMBER: 134:262851

TITLE: Isoxazoline derivative caspase inhibitors for pharmaceutical uses

INVENTOR(S): Kim, Eunice Eun-Kyeong; Park, Mi-Jeong; Lee, Tae-Hee; Chang, Hye-Kyung; Park, Tae-Kyo; Kang, Chang-Yuil; Kim, Young-Myeong; Moon, Kwang-Yul; Oh, Young-Leem; Min, Chang-Hee; Chung, Hyun Ho

PATENT ASSIGNEE(S): LG Chemical Ltd., S. Korea

SOURCE: PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2001021600	A1	20010329	WO 2000-KR1047	20000918
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
WO 2001021599	A1	20010329	WO 1999-KR561	19990917
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
KR 2001045347	A	20010605	KR 1999-48608	19991104
CA 2388564	A1	20010329	CA 2000-2388564	20000918
CA 2388564	C	20071106		
AU 2000073223	A	20010424	AU 2000-73223	20000918
EP 1212309	A1	20020612	EP 2000-961242	20000918
EP 1212309	B1	20040818		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
JP 2003509502	T	20030311	JP 2001-524979	20000918
JP 4195561	B2	20081210		
AT 273705	T	20040915	AT 2000-961242	20000918
US 6747050	B1	20040608	US 2002-88288	20020315
PRIORITY APPLN. INFO.:			WO 1999-KR561	A 19990917

KR 1999-48608 A 19991104  
WO 2000-KR1047 W 20000918

OTHER SOURCE(S): MARPAT 134:262851  
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:228869 CAPLUS

DOCUMENT NUMBER: 134:266298

TITLE: Preparation of 2-isoxazoline-5-carboxamides as caspase inhibitors

INVENTOR(S): Park, Tae-Kyo; Chang, Hye-Kyung; Chung, Hyun-Ho; Min, Chang-Hee; Oh, Young-Leem; Park, Mi-Jeong; Lee, Tae-Hee; Moon, Kwang-Yul; Kim, Eunice Eun-Kyeong

PATENT ASSIGNEE(S): LG Chemical Ltd., S. Korea

SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021599	A1	20010329	WO 1999-KR561	19990917
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, UA, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 9957628	A	20010424	AU 1999-57628	19990917
CA 2388564	A1	20010329	CA 2000-2388564	20000918
CA 2388564	C	20071106		
WO 2001021600	A1	20010329	WO 2000-KR1047	20000918
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
AU 2000073223	A	20010424	AU 2000-73223	20000918
EP 1212309	A1	20020612	EP 2000-961242	20000918
EP 1212309	B1	20040818		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
JP 2003509502	T	20030311	JP 2001-524979	20000918
JP 4195561	B2	20081210		
CN 1137888	C	20040211	CN 2000-813705	20000918
AT 273705	T	20040915	AT 2000-961242	20000918
ZA 2002002148	A	20030317	ZA 2002-2148	20020315
US 6747050	B1	20040608	US 2002-88288	20020315
PRIORITY APPLN. INFO.:			WO 1999-KR561	A 19990917
			KR 1999-48608	A 19991104
			WO 2000-KR1047	W 20000918

OTHER SOURCE(S): MARPAT 134:266298

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:48625 CAPLUS

DOCUMENT NUMBER: 135:71005

TITLE: A broad-spectrum caspase inhibitor blocks concanavalin  
a-induced hepatitis in mice

AUTHOR(S): Kim, Kwang-Mi; Kim, Young-Myeong; Park, Mijeong; Park,  
Kiwon; Chang, Hye Kyung; Park, Tae Kyo; Chung,  
Hyun-Ho; Kang, Chang-Yuil

CORPORATE SOURCE: Laboratory of Immunology, College of Pharmacy, Seoul  
National University, Seoul, 151-742, S. Korea

SOURCE: Clinical Immunology (Orlando, Florida) (2000), 97(3),  
221-233

CODEN: CLIIFY; ISSN: 1521-6616

PUBLISHER: Academic Press

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

7.75

194.33

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=> d l3 5 hitstr

YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' - CONTINUE? (Y)/N:y

L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

IT 331778-84-8

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
(Uses)

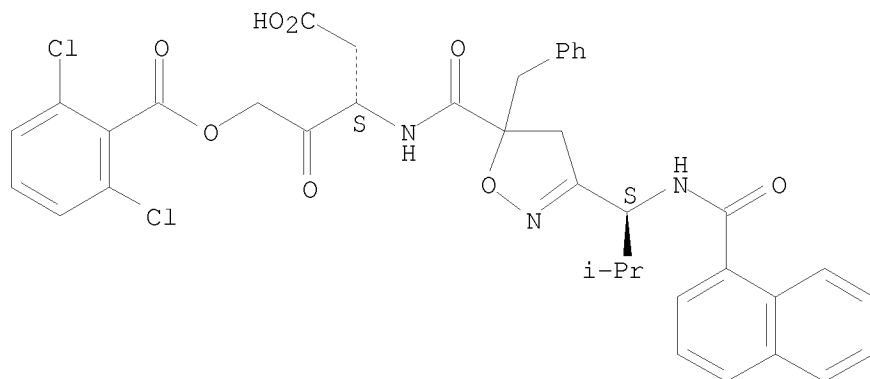
(broad-spectrum caspase inhibitor blocks Con A-induced hepatitis in  
mice)

RN 331778-84-8 CAPLUS

CN Benzoic acid, 2,6-dichloro-, (3S)-4-carboxy-3-[[[4,5-dihydro-3-[(1S)-2-  
methyl-1-[(1-naphthalenylcarbonyl)amino]propyl]-5-(phenylmethyl)-5-  
isoxazolyl]carbonyl]amino]-2-oxobutyl ester (CA INDEX NAME)

Absolute stereochemistry.





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Connection closed by remote host

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NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
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NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
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NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/Caplus patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use

terms from the IPC Thesaurus, Version 2009.01

NEWS 18 FEB 23 Several formats for image display and print options discontinued in USPATFULL and USPAT2

NEWS 19 FEB 23 MEDLINE now offers more precise author group fields and 2009 MeSH terms

NEWS 20 FEB 23 TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms

NEWS 21 FEB 23 Three million new patent records blast AEROSPACE into STN patent clusters

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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NEWS IPC8 For general information regarding STN implementation of IPC 8

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:37:48 ON 24 FEB 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	0.44

FILE 'REGISTRY' ENTERED AT 12:38:53 ON 24 FEB 2009

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STRUCTURE FILE UPDATES: 23 FEB 2009 HIGHEST RN 1110839-66-1

DICTIONARY FILE UPDATES: 23 FEB 2009 HIGHEST RN 1110839-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

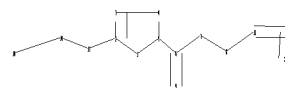
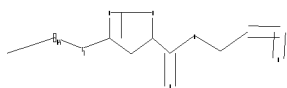
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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ring nodes :
1  2  3  4  5
chain bonds :
2-13  5-6  6-7  6-9  7-8  8-11  11-20  13-14  14-16  20-21
ring bonds :
1-2  1-5  2-3  3-4  4-5
exact/norm bonds :
2-3  2-13  6-7  6-9  7-8  13-14  20-21
exact bonds :
1-2  1-5  3-4  4-5  5-6  8-11  11-20  14-16
isolated ring systems :
containing 1 :

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G1:O,N

G2:O,S,N

G3:C,O,S,N

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Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:CLASS  7:CLASS  8:CLASS  9:CLASS
11:CLASS 13:CLASS 14:CLASS 16:CLASS 20:CLASS 21:CLASS

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L1        STRUCTURE UPLOADED

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FULL SEARCH INITIATED 12:39:09 FILE 'REGISTRY'

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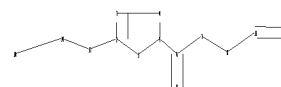
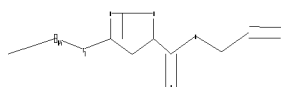
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SEARCH TIME: 00.00.01

0 ANSWERS

L2 0 SEA SSS FUL L1

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chain nodes :  
6 7 8 9 11 13 14 16 20  
ring nodes :  
1 2 3 4 5  
chain bonds :  
2-13 5-6 6-7 6-9 7-8 8-11 11-20 13-14 14-16  
ring bonds :  
1-2 1-5 2-3 3-4 4-5  
exact/norm bonds :  
2-3 2-13 6-7 6-9 7-8 13-14  
exact bonds :  
1-2 1-5 3-4 4-5 5-6 8-11 11-20 14-16  
isolated ring systems :  
containing 1 :

G1:O,N

G2:O,S,N

G3:C,O,S,N

Match level :  
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
11:CLASS 13:CLASS 14:CLASS 16:CLASS 20:CLASS

L3           STRUCTURE UPLOADED

=> s l3 sss full  
FULL SEARCH INITIATED 12:39:53 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -       3159 TO ITERATE

100.0% PROCESSED       3159 ITERATIONS                   1 ANSWERS  
SEARCH TIME: 00.00.01

L4           1 SEA SSS FUL L3

=> file capl  
COST IN U.S. DOLLARS                   SINCE FILE       TOTAL  
  ENTRY       SESSION  
FULL ESTIMATED COST                   371.76       372.20

FILE 'CAPLUS' ENTERED AT 12:39:56 ON 24 FEB 2009  
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FILE COVERS 1907 - 24 Feb 2009   VOL 150 ISS 9  
FILE LAST UPDATED: 23 Feb 2009   (20090223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

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<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l4  
L5           0 L4

=> file reg  
COST IN U.S. DOLLARS                   SINCE FILE       TOTAL  
  ENTRY       SESSION  
FULL ESTIMATED COST                   0.50       372.70

FILE 'REGISTRY' ENTERED AT 12:40:00 ON 24 FEB 2009  
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STRUCTURE FILE UPDATES: 23 FEB 2009 HIGHEST RN 1110839-66-1  
DICTIONARY FILE UPDATES: 23 FEB 2009 HIGHEST RN 1110839-66-1

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

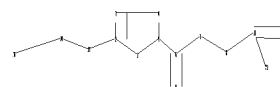
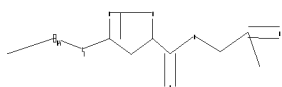
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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chain nodes :  
6 7 8 9 11 13 14 16 20 21  
ring nodes :  
1 2 3 4 5  
chain bonds :  
2-13 5-6 6-7 6-9 7-8 8-11 11-20 11-21 13-14 14-16  
ring bonds :  
1-2 1-5 2-3 3-4 4-5  
exact/norm bonds :  
2-3 2-13 6-7 6-9 7-8 11-20 13-14  
exact bonds :  
1-2 1-5 3-4 4-5 5-6 8-11 11-21 14-16

isolated ring systems :  
containing 1 :

G1:O,N

G2:O,S,N

G3:C,O,S,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS  
11:CLASS 13:CLASS 14:CLASS 16:CLASS 20:CLASS 21:CLASS

L6 STRUCTURE UPLOADED

=> s l6 sss full

FULL SEARCH INITIATED 12:40:57 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 5005 TO ITERATE

100.0% PROCESSED 5005 ITERATIONS

194 ANSWERS

SEARCH TIME: 00.00.01

L7 194 SEA SSS FUL L6

=> file capl

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

186.36

559.06

FILE 'CAPLUS' ENTERED AT 12:41:00 ON 24 FEB 2009

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FILE COVERS 1907 - 24 Feb 2009 VOL 150 ISS 9

FILE LAST UPDATED: 23 Feb 2009 (20090223/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17

L8 5 L7

=> d 18 1-5 ibib

L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2008:1045991 CAPLUS

DOCUMENT NUMBER: 149:299832

TITLE: Combination therapy for the treatment of liver diseases

INVENTOR(S): Spada, Alfred P.

PATENT ASSIGNEE(S): USA

SOURCE: U.S. Pat. Appl. Publ., 38pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20080207605	A1	20080828	US 2008-72729	20080228
WO 2008106167	A1	20080904	WO 2008-US2592	20080227
W:	AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRIORITY APPLN. INFO.: US 2007-904321P P 20070228

US 2007-937300P P 20070626

OTHER SOURCE(S): CASREACT 149:299832

L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:216805 CAPLUS

DOCUMENT NUMBER: 142:298096

TITLE: Preparation of carbamoylisoxazoles as caspase inhibitors

INVENTOR(S): Chang, Hye-Kyung; Oh, Yeong-Koo; Park, Cheol-Won; Jang, Yong-Jin; Park, Tae-Kyo; Kim, Sung-Sub; Kim, Min-Jung; Park, Mi-Jeong; Park, Jung-Gyu; Park, Hee-Dong; Min, Kyeong-sik; Lee, Tae-soo; Lee, Sang-kyun; Kim, Soo-hyeon; Jeong, Hee-kyung; Lee, Sun-hwa; Kim, Hwa-dong; Kim, Ae-ri; Park, Ki-sook; Shin, Hyun-ik; Choi, Hyeong-wook; Lee, Kyu-woong; Lee, Jae-hoon; Heo, Tae-ho; Kim, Ho-jun; Kwon, Tae-sik

PATENT ASSIGNEE(S): Lg Life Sciences Ltd., S. Korea

SOURCE: PCT Int. Appl., 82 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005021516 A1 20050310 WO 2004-KR2139 20040826  
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CA 2535711 A1 20050310 CA 2004-2535711 20040826  
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TR 200600899 T2 20060921 TR 2006-899 20040826  
CN 1842521 A 20061004 CN 2004-80024702 20040826  
BR 2004013848 A 20061024 BR 2004-13848 20040826  
JP 2007503429 T 20070222 JP 2006-524573 20040826  
US 20060223848 A1 20061005 US 2006-568503 20060216  
IN 2006CN00641 A 20070608 IN 2006-CN641 20060222  
MX 2006002267 A 20060517 MX 2006-2267 20060224  
NO 2006001362 A 20060324 NO 2006-1362 20060324  
PRIORITY APPLN. INFO.: KR 2003-59451 A 20030827  
WO 2004-KR2139 W 20040826  
OTHER SOURCE(S): CASREACT 142:298096; MARPAT 142:298096  
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN  
ACCESSION NUMBER: 2001:228870 CAPLUS  
DOCUMENT NUMBER: 134:262851  
TITLE: Isoxazoline derivative caspase inhibitors for pharmaceutical uses  
INVENTOR(S): Kim, Eunice Eun-Kyeong; Park, Mi-Jeong; Lee, Tae-Hee; Chang, Hye-Kyung; Park, Tae-Kyo; Kang, Chang-Yuil; Kim, Young-Myeong; Moon, Kwang-Yul; Oh, Young-Leem; Min, Chang-Hee; Chung, Hyun Ho  
PATENT ASSIGNEE(S): LG Chemical Ltd., S. Korea  
SOURCE: PCT Int. Appl., 168 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021600	A1	20010329	WO 2000-KR1047	20000918
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
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WO 2001021599	A1	20010329	WO 1999-KR561	19990917
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 MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,  
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KR 2001045347 A 20010605 KR 1999-48608 19991104  
 CA 2388564 A1 20010329 CA 2000-2388564 20000918  
 CA 2388564 C 20071106  
 AU 2000073223 A 20010424 AU 2000-73223 20000918  
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 EP 1212309 B1 20040818  
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 IE, SI, LT, LV, FI, RO, MK, CY, AL  
 JP 2003509502 T 20030311 JP 2001-524979 20000918  
 JP 4195561 B2 20081210  
 AT 273705 T 20040915 AT 2000-961242 20000918  
 US 6747050 B1 20040608 US 2002-88288 20020315

PRIORITY APPLN. INFO.: WO 1999-KR561 A 19990917  
 KR 1999-48608 A 19991104  
 WO 2000-KR1047 W 20000918

OTHER SOURCE(S): MARPAT 134:262851  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2001:228869 CAPLUS

DOCUMENT NUMBER: 134:266298

TITLE: Preparation of 2-isoxazoline-5-carboxamides as caspase  
 inhibitors

INVENTOR(S): Park, Tae-Kyo; Chang, Hye-Kyung; Chung, Hyun-Ho; Min,  
 Chang-Hee; Oh, Young-Leem; Park, Mi-Jeong; Lee,  
 Tae-Hee; Moon, Kwang-Yul; Kim, Eunice Eun-Kyeong

PATENT ASSIGNEE(S): LG Chemical Ltd., S. Korea

SOURCE: PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021599	A1	20010329	WO 1999-KR561	19990917
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9957628	A	20010424	AU 1999-57628	19990917
CA 2388564	A1	20010329	CA 2000-2388564	20000918
CA 2388564	C	20071106		
WO 2001021600	A1	20010329	WO 2000-KR1047	20000918
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 AU 2000073223 A 20010424 AU 2000-73223 20000918  
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 JP 2003509502 T 20030311 JP 2001-524979 20000918  
 JP 4195561 B2 20081210  
 CN 1137888 C 20040211 CN 2000-813705 20000918  
 AT 273705 T 20040915 AT 2000-961242 20000918  
 ZA 2002002148 A 20030317 ZA 2002-2148 20020315  
 US 6747050 B1 20040608 US 2002-88288 20020315  
 PRIORITY APPLN. INFO.: WO 1999-KR561 A 19990917  
 KR 1999-48608 A 19991104  
 WO 2000-KR1047 W 20000918  
 OTHER SOURCE(S): MARPAT 134:266298  
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT  
 L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN  
 ACCESSION NUMBER: 2001:48625 CAPLUS  
 DOCUMENT NUMBER: 135:71005  
 TITLE: A broad-spectrum caspase inhibitor blocks concanavalin  
 a-induced hepatitis in mice  
 AUTHOR(S): Kim, Kwang-Mi; Kim, Young-Myeong; Park, Mijeong; Park,  
 Kiwon; Chang, Hye Kyung; Park, Tae Kyo; Chung,  
 Hyun-Ho; Kang, Chang-Yuil  
 CORPORATE SOURCE: Laboratory of Immunology, College of Pharmacy, Seoul  
 National University, Seoul, 151-742, S. Korea  
 SOURCE: Clinical Immunology (Orlando, Florida) (2000), 97(3),  
 221-233  
 CODEN: CLIIFY; ISSN: 1521-6616  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 75 THERE ARE 75 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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